

Table 1. Plant height, width, flower diameter, first open flower and flower divergence for *Catharanthus roseus* (L.) G. Don (Madagascar periwinkle or vinca) grown at Bradenton, FL grouped within classes according to species morphology and color. Seeds were sown 7 Feb. and 13 Feb., and plugs transplanted to ground beds 20 March.

Cultivar	Seed Source	Plant measurements (cm) <sup>w</sup>			Flowering (days from sowing) <sup>x</sup>	
		Height	Width	Flower diam	First flower	Divergence
<i>Mixes class</i>						
Cooler Mix	PanAmerican Seed	15 <sup>y</sup>	18	4.0 b	58 a	5.3
Merlot Mix	Ball Seed	15	16	4.8 a	54 b	7.3
Stardust Mix	Ball Seed	15	17	4.2 b	57 a	5.0
Tutti Frutti Mix	Ball Seed	15 <sup>NS</sup>	16 <sup>NS</sup>	4.6 a	51 c	6.5 <sup>NS</sup>
<i>Pinks class</i>						
Cooler Blush	PanAmerican Seed	10 d	12 c	3.8 cde	59 ab	3.8 b
Cooler Icy Pink	PanAmerican Seed	14 a	17 a	4.0 bcd	57 bc	3.3 b
Cooler Pink	PanAmerican Seed	13 ab	14 bc	3.7 de	60 a	5.3 b
Cooler Strawberry	PanAmerican Seed	11 cd	15 ab	3.6 e	60 a	3.3 b
SunStorm Blush	Syngenta Seeds	13 a	13 bc	4.4 a	53 e	2.5 b
SunStorm Rose	Syngenta Seeds	12 bcd	14 bc	4.1 bc	55 d	6.8 b
SunStorm Rose w/Eye	Syngenta Seeds	11 cd	14 bc	4.3 ab	55 d	3.3 b
Heatwave Pink	Bodger Seeds	12 bc	12 c	4.0 cde	59 a	5.0 b

<sup>w</sup> 1.0 inch = 2.54 cm. Data taken on 20 Apr. (59-65 d from sowing) in sprayed field.

<sup>x</sup> Flower data: first flower is the average number of days from seed sowing to the unfurling of the first flower. Divergence is the average number of days that lapse between the unfurling of the first flower and the last flower in plot or flat. Data was collected from four 6-plant plots. No growth regulation was required for this crop.

<sup>y</sup> Mean separation within classes by LSD, P < 0.05.

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
Stardust Pink	Ball Seed	11 cd	13 c	3.7 de	56 cd	12 a
<i>Purples, dark – violet blue class</i>						
Heatwave Blue W/Eye	Bodger Seeds	9.8	13	3.5	57	6.3
<i>Purples, dark – violet red class</i>						
Cooler Raspberry Red	PanAmerican Seed	14 ab	16 ab	4.5 a	61 a	6.5
Cooler Orchid	PanAmerican Seed	14 a	17 ab	3.7 d	60 a	3.3
SunStorm Orchid	Syngenta Seeds	15 a	18 a	4.4 ab	57 b	6.0
SunStorm Lilac	Syngenta Seeds	14 ab	15 b	4.2 bc	56 b	7.3
Heatwave Raspberry	Bodger Seeds	9.6 c	12 c	4.0 cd	57 b	4.5
Stardust Orchid	Ball Seed	12 b	12 c	4.0 cd	59 a	5.0 <sup>NS</sup>
<i>Purples, light – violet blue class</i>						
Blue Pearl	PanAmerican Seed	17	18	4.0	56	3.5
<i>Purples, light – violet red class</i>						
Cooler Grape	PanAmerican Seed	16	18	4.0	59	4.0
<i>Reds class</i>						

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
Cooler Red	PanAmerican Seed	13 a	14 ab	4.0	58 a	4.3
SunStorm Bright Red	Syngenta Seeds	11 b	15 ab	4.3	57 a	4.0
Heatwave Cherry	Bodger Seeds	12 b	16 a	4.3	58 a	6.0
Sunsplash Cherry	PanAmerican Seed	11 b	14 b	3.9 <sup>NS</sup>	55 b	7.3 <sup>NS</sup>
<i>Roses class</i>						
Cooler Rose	PanAmerican Seed	12	14	3.9	59 a	6.0
Heatwave Deep Rose	Bodger Seeds	12 <sup>NS</sup>	12 <sup>NS</sup>	4.1 <sup>NS</sup>	54 b	3.5 <sup>NS</sup>
<i>Salmons<sup>Z</sup> class</i>						
Cooler Apricot	PanAmerican Seed	12	14	3.8	56	4.0 a
SunStorm Apricot	Syngenta Seeds	12 <sup>NS</sup>	14 <sup>NS</sup>	3.9 <sup>NS</sup>	56 <sup>NS</sup>	2.3 b
<i>Whites class</i>						
Cooler Coconut	PanAmerican Seed	13 b	16 a	3.5 b	59 a	4.0
Cooler Peppermint	PanAmerican Seed	13 b	17 a	4.0 a	57 a	3.5
SunStorm White w/Eye	Syngenta Seeds	14 a	16 a	4.3 a	57 a	6.0
Heatwave Peppermint	Bodger Seeds	11 c	13 b	3.9 a	54 b	6.0
Heatwave White	Bodger Seeds	11 c	13 b	4.1 a	53 b	5.8 <sup>NS</sup>

<sup>Z</sup> Salmon colors include peach and apricot hues and shades.

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
<i>Trailing; purples, light – violet blue class</i>						
Cascade Appleblossom	Ball Seed	15	21	3.5	55	7.0